



COFFEE SALES ANALYSIS

Tableau Dashboard |
by Akansha Wahane

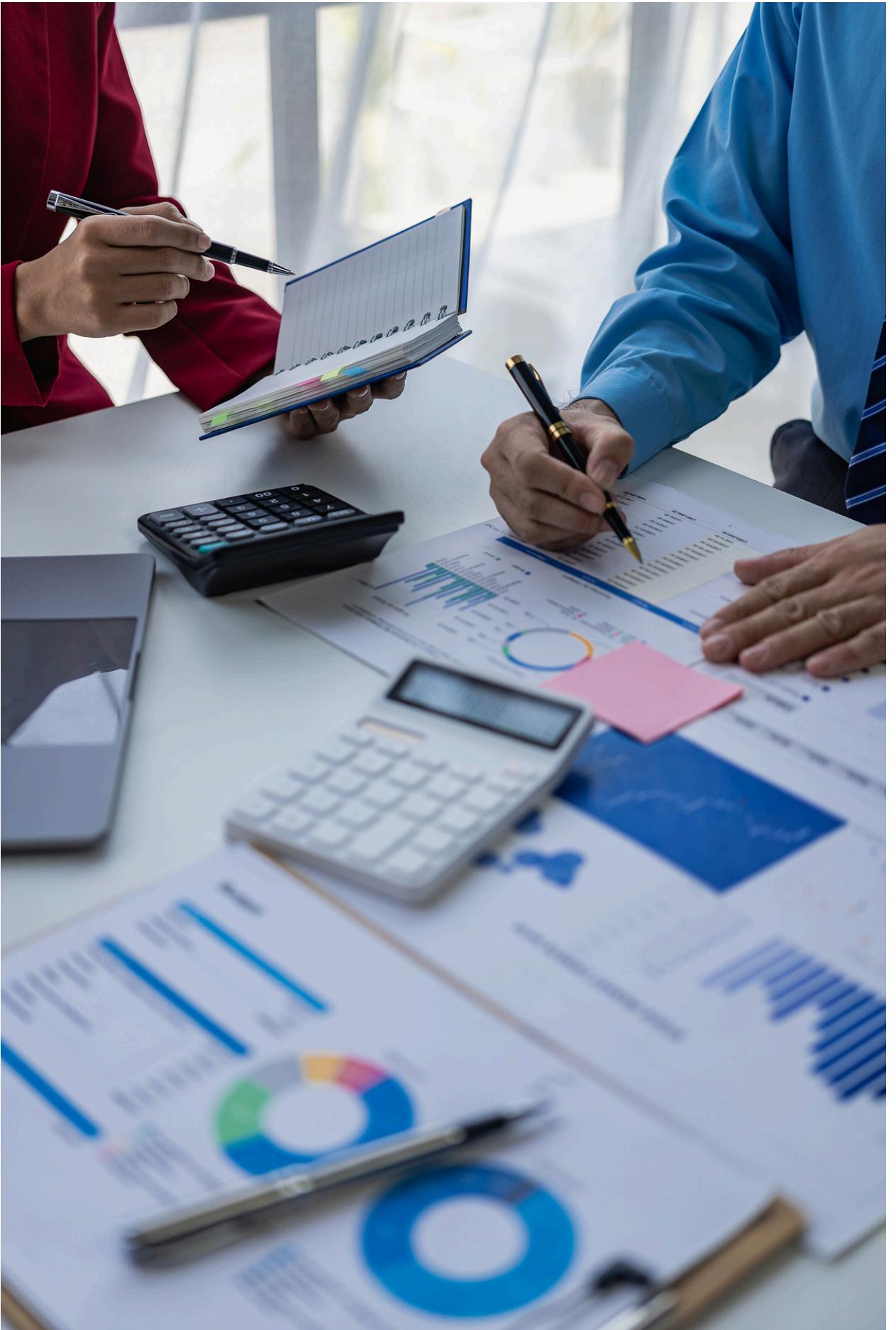
Project overview

The dataset contains detailed records of coffee sales from a vending machine.

The analysis of purchasing patterns, sales trends, and customer preferences related to coffee products need to be carried out.



TASKS



- Creating a Tableau Dashboard for Analysis Insights
- Coffee Sales by the Hour/ Month/ Quarter
- Highest Selling type of Coffee
- Mode of Payment Distribution

Steps Taken to Analyse the Data

STEP 1

Data Cleaning and Data preparation -
Loading the data using Pandas,
inspection, handling missing values using
numpy.

STEP 2

Exploratory data Analysis and Data
Visualization using Matplotlib and
Seaborn.

STEP 3

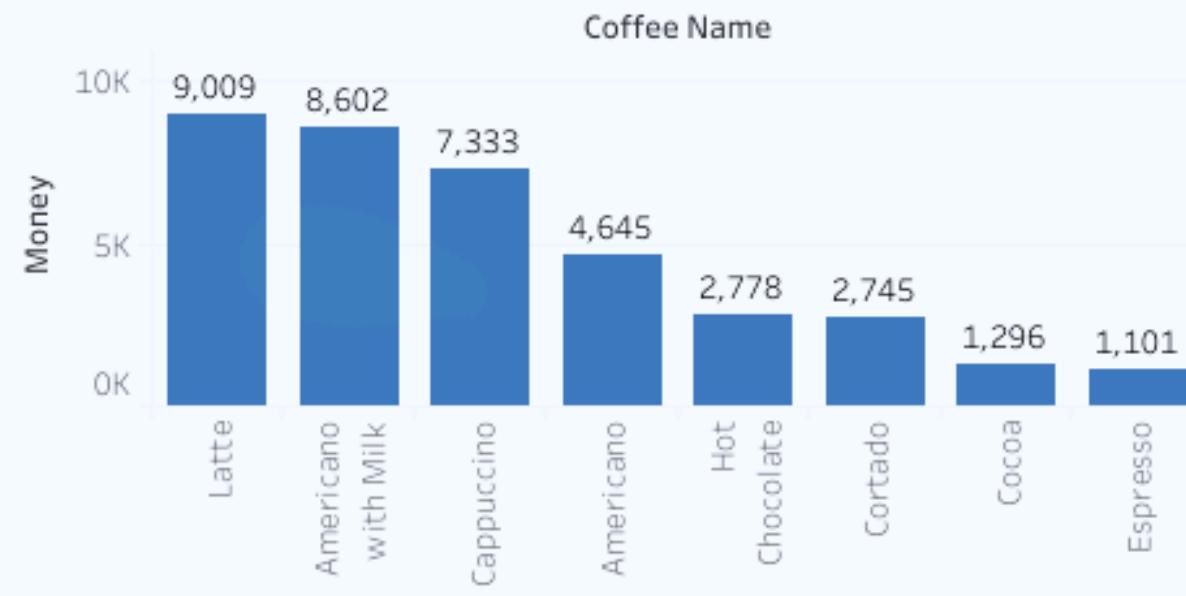
Creating a dashboard using Tableau
and offering insights based on the
Analysis.

COFFEE SALES DASHBOARD

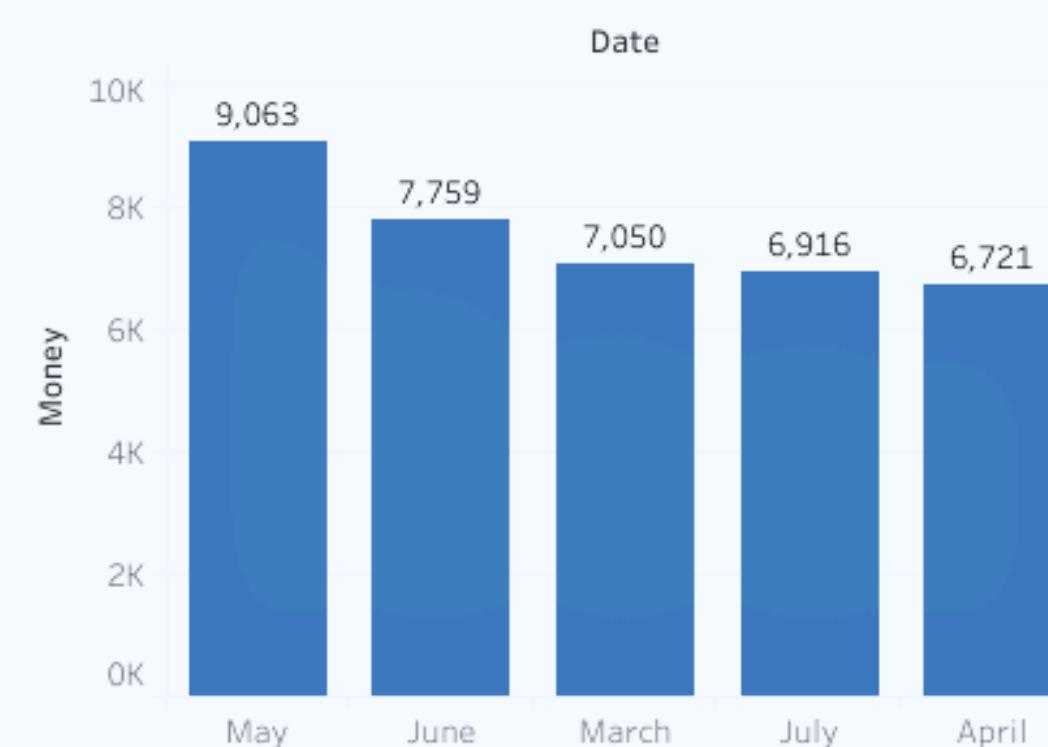
Total Sales

Total Sales
37,509

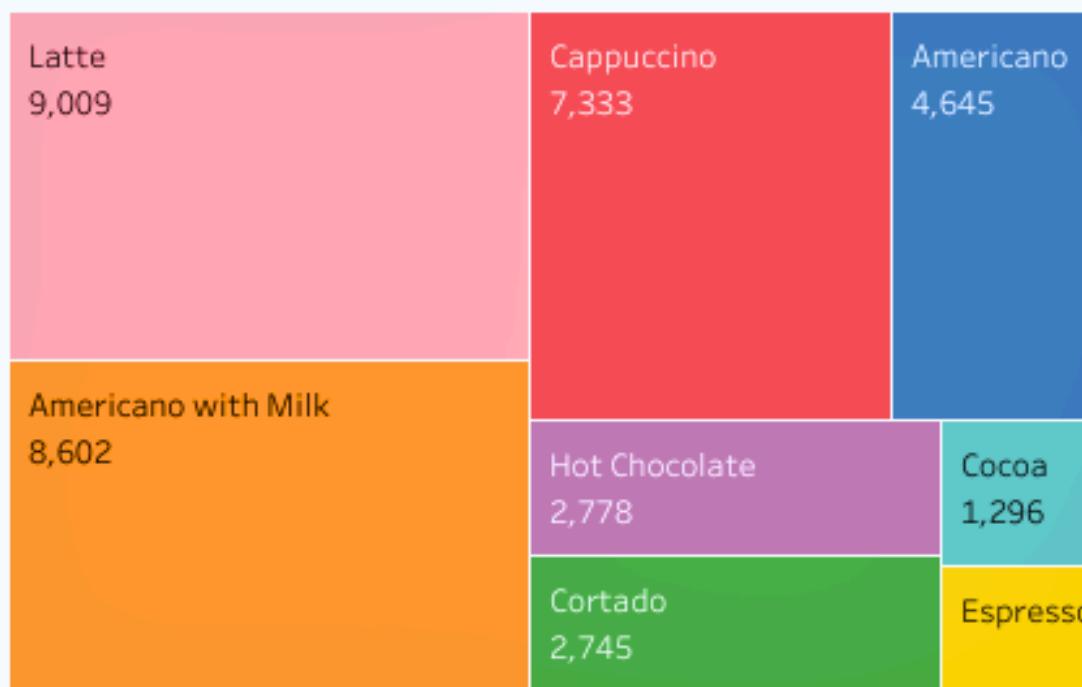
Most Popular Coffee



Coffee Sales by Month



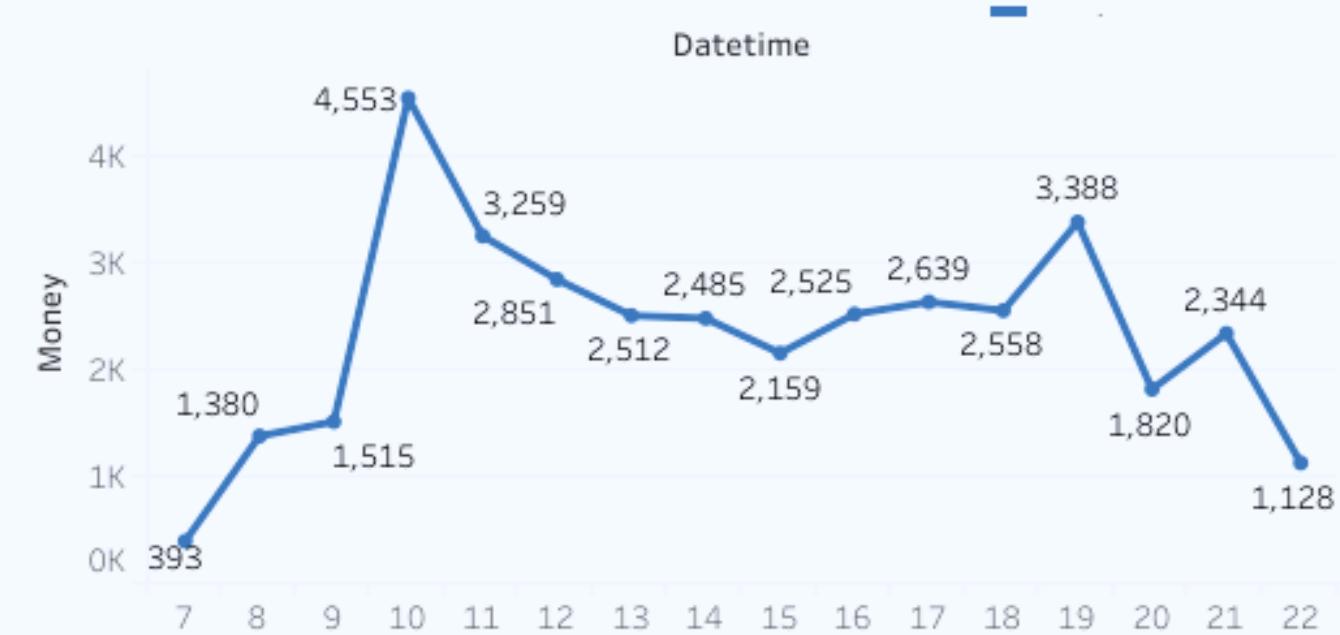
Coffee Sales Treemap



Payment Distribution Method



Coffee Sales by the Hour



- Coffee Name
- Americano
 - Americano with Milk
 - Cappuccino
 - Cocoa
 - Cortado
 - Espresso
 - Hot Chocolate
 - Latte

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Year of Date

- 2024

Money

- 37,509

Cash Type

-

Insights

- 1) The most purchased coffee is the Latte with total sales of \$9009 followed by Americano with milk. And the least purchased is the Espresso.**
- 2) Most sales were in the month of May.**
- 3) Coffee sales by the hour shows the most busiest of hour is around 10 am and the least is 7 am.**
- 4) Payment Method Distribution shows that the most common payment method used is card accounting to about \$34,323 in card and only \$ 3186 in cash mode .**